Abstract of the Disclosure

A rotary throttle valve carburetor has a fuel-and-air mixing passage which extends through a carburetor body. A cylindrical throttle chamber extends down from a top surface of the body and communicates transversely with the fuel-and-air mixing passage. A rotary throttle seats rotatably and vertically or axially movable within the chamber and through the fuel-and-air mixing passage. The rotary throttle has a bore fully communicating and longitudinally aligned with the fuel-and-air mixing passage at wide-open throttle. The rotary throttle has a throttle shaft projecting upward through the top surface of the carburetor body and through a hole of a base portion of a plastic lid plate engaged between the top surface and a metallic bracket. An upward projecting annular shoulder of the lid plate is disposed concentrically to and spaced radially apart from the throttle shaft. A circular seal is disposed radially between the annular shoulder of the lid plate and the throttle shaft to prevent dirt from entering the valve chamber. A metallic cam follower engages the bracket and contacts a cam surface of a throttle lever engaged transversely to the upper end of the throttle shaft. The metallic cam follower or bracket is interconnected to the metallic carburetor body by a plurality of metallic spacers.